

PEARL Scoring Rubric Grades 9-12 Science- Communication

Maine Learning Results	1 Attempted demonstration	2 Partially meets standards	3 Meets standards	4 Proficient demonstration	Sophisticated demonstration
Performance Indicators	Does not meet standards The student (1 or 2 of following) ... ➤ Explains why he/she chose the data while referring to a data table Source of evidence: Vacation and Fishing Presentation using Graphs created from PEARL	The student (3 of 4 of following) ... ➤ Explains why he/she chose the data while referring to a data table ➤ Explains what the data is measuring Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.	The student ... ➤ Explains why he/she chose the data while referring to a data table ➤ Explains what the data is measuring Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.	The student ... ➤ Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time. ➤ Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.	The student ... ➤ Explains why he/she chose the data while referring to a data table ➤ Explains what the data is measuring Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time. ➤ Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.
L 4 Employ graphs, tables in making arguments and drawing conclusions	➤ Explains why he/she chose the data while referring to a data table ➤ Explains what the data is measuring Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.	➤ Explains what the data is measuring Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.	➤ Explains what the data is measuring Shows and explains areas on the graph that support the conclusion Compares this data with another data set from another place or time.	➤ Without assistance, the student could turn on the computer and access the PEARL web site to download and organize the data in a spreadsheet And/or ➤ Access content information on PEARL to answer the questions	Without assistance, the student could turn on the computer and access the PEARL web site to download and organize the data in a spreadsheet And/or ➤ Access content information on PEARL to answer the questions ➤ Access content information on PEARL and other sites to answer the questions and make additional conclusions.
L 7 Use computers to organize data, and do research for problem solving.	With assistance on >2 steps, the student could turn on the computer and access the PEARL web site to download and organize the data in a spreadsheet or ➤ Access content information on PEARL to answer the questions	With assistance on 1-2 steps, the student could turn on the computer and access the PEARL web site to download and organize the data in a spreadsheet And/or ➤ Access content information on PEARL to answer the questions	Without assistance, the student could turn on the computer and access the PEARL web site to download and organize the data in a spreadsheet And/or ➤ Access content information on PEARL to answer the questions	Without assistance, the student could turn on the computer and access the PEARL web site to download and organize the data in a spreadsheet And/or ➤ Access content information on PEARL to answer the questions	